

Amendments to the Claims

Claims 1-25. (Cancelled)

26. (Currently Amended) A method for manufacturing gas turbine rotors having integral blading, wherein a plurality of rotor blades comprised of a blade pan and a footing of the blade connected thereto are mounted on a rotor mount, ~~in particular on a disk or a ring~~, by capacitor discharge welding, wherein the footing of the blade includes a V-shaped cross section serving to provide contact between the rotor mount and the footing in the capacitor discharge welding and wherein the blade footing includes a non-V-shaped portion disposed between the V-shaped cross section and a groove defined by the rotor blade that extends along a length of the rotor blade, wherein a tool is engaged in the groove and a pressure force is applied to the rotor blade by the tool, and wherein thickened areas and/or protruding material and/or welding notches are machined off to a final contour of the gas turbine rotors having integral blading.

27. (Original) The method according to Claim 26, wherein the rotor blades are mounted on the rotor mount by capacitor discharge stud welding.

28. (Original) The method according to Claim 26, wherein an acutely tapered end of an area having the V-shaped cross section contacts the rotor mount, wherein the area has a cross section which becomes wider from the acutely tapered end to the blade pan.

29. (Cancelled)

30. (Original) The method according to Claim 26, wherein the thickened areas and/or protruding material and/or welding notches are machined off by milling or by electrochemical machining.

31. (Currently Amended) A gas turbine rotor, comprising:
a rotor blade having a blade pan and a blade footing, wherein the blade footing includes a V-shaped portion; and
a rotor mount defining a recess therein;
wherein the V-shaped portion of the blade footing is disposed within the recess of the rotor mount;
and wherein the blade footing includes a non-V-shaped portion disposed between the V-shaped portion and a groove defined by the rotor blade that extends along a length of the rotor blade.

32. (Original) The gas turbine rotor according to Claim 31, wherein the V-shaped portion is joined to the rotor mount by a capacitor discharge weld.

33. (Currently Amended) A method for joining a rotor blade to a rotor mount of a gas turbine rotor, comprising the steps of:

disposing a V-shaped portion of a blade footing of [[a]] the rotor blade in a recess defined by [[a]] the rotor mount; and

welding the V-shaped portion to the rotor mount by capacitor discharge welding;

wherein the blade footing includes a non-V-shaped portion disposed between the V-shaped portion and a groove defined by the rotor blade that extends along a length of the rotor blade and further comprising the steps of engaging a tool in the groove and applying a pressure force to the rotor blade by the tool.

34. (Cancelled)

35. (Cancelled)